

# *Improvements to Route 5, Warwick*

**Web  
Presentation**

*Presented by:*



# *Presentation Outline*

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*Improvements to Route 5, Warwick*

Introduction

Existing Conditions

Proposed Improvements

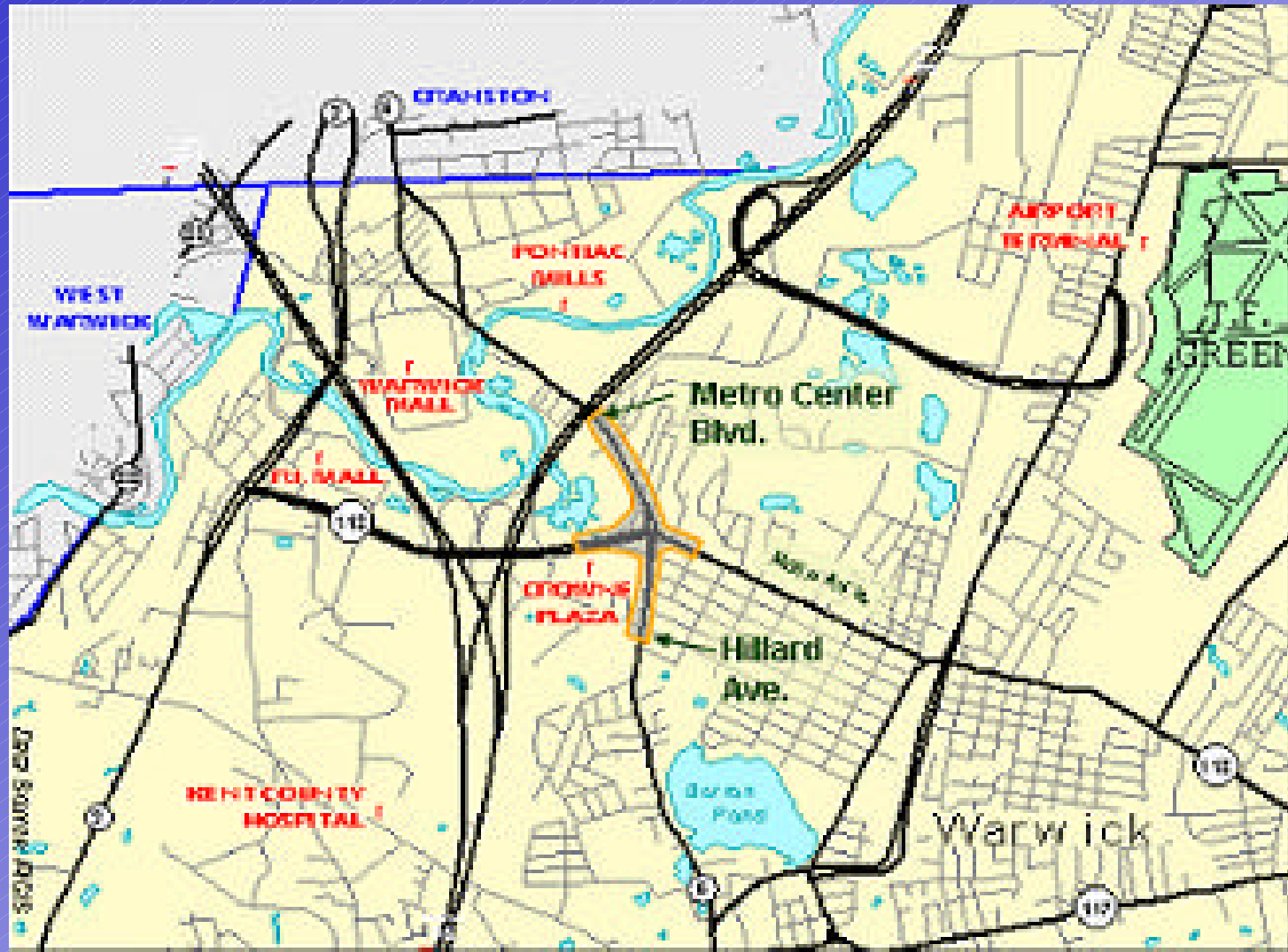
Surplus Land

Construction Impacts

Schedule

# Project Limits

*Improvements to Route 5, Warwick*



# *Existing Conditions*

*Improvements to Route 5, Warwick*



Raised median restricts access  
to businesses and side streets  
north of Rte. 113

# Existing Conditions

*Improvements to Route 5, Warwick*



Inadequate clearance for current ADA requirements

Poor pavement and curbing

No defined pedestrian crossings

General unattractive appearance



# Existing Conditions

*Improvements to Route 5, Warwick*



Vehicles traveling (SB) on Rt. 5 must utilize the (SB) jug-handle to access businesses and homes on the (NB) direction.

# Existing Conditions

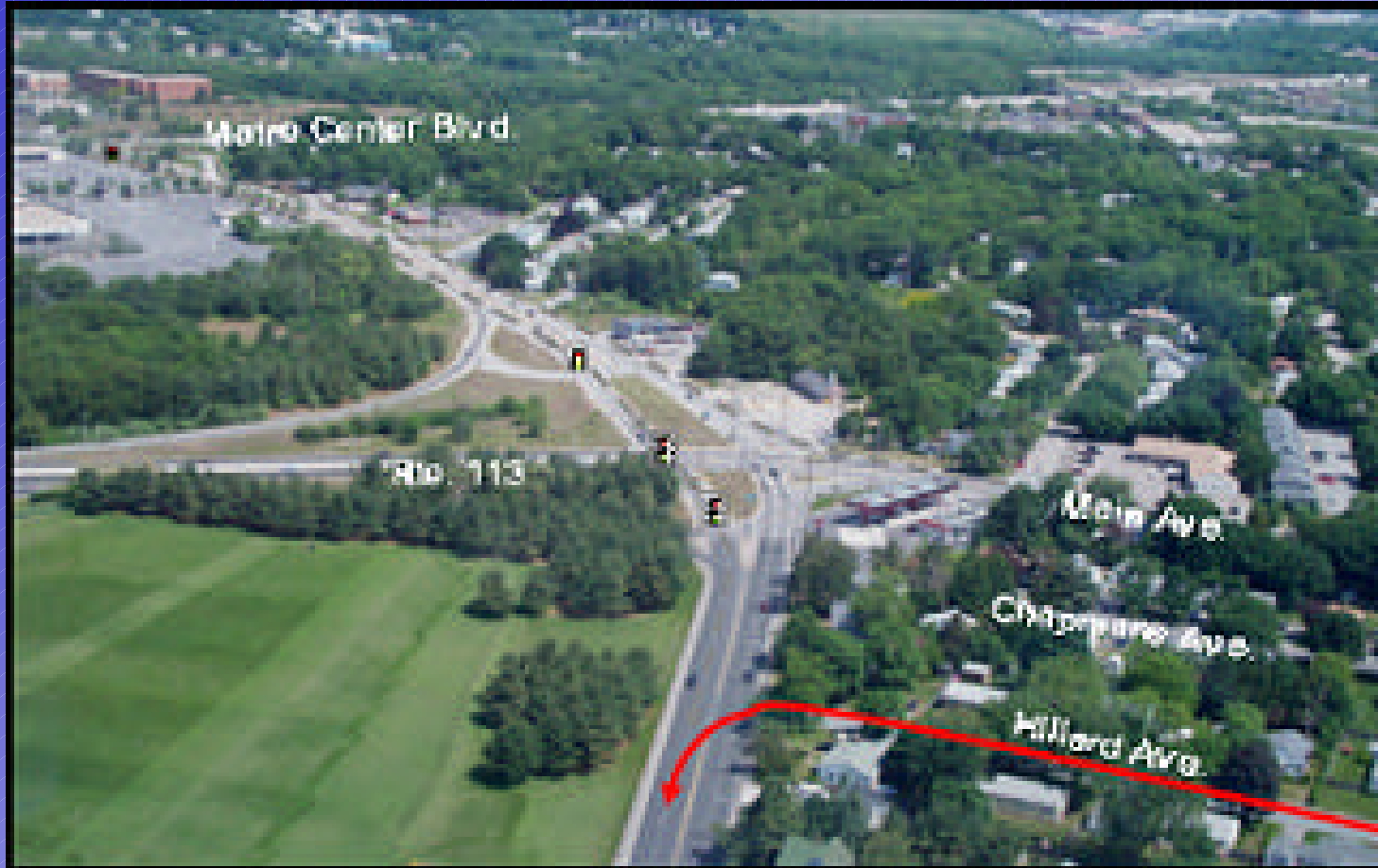
## Improvements to Route 5, Warwick



Under existing conditions *no left turns* can be made on the Main Ave. approach. Vehicles are supposed to travel north on Rt. 5 and reverse direction at the jug-handle at Metro Center Blvd..

# Existing Conditions

## Improvements to Route 5, Warwick



Instead, many vehicles travel through the *heavily populated* residential Greenwood neighborhood to directly access Rt. 5 south.



# *Existing Conditions*

## *Improvements to Route 5, Warwick*



The Rt. 113 intersection provides circuitous routes, instead of left-turn lanes.

# Existing Conditions

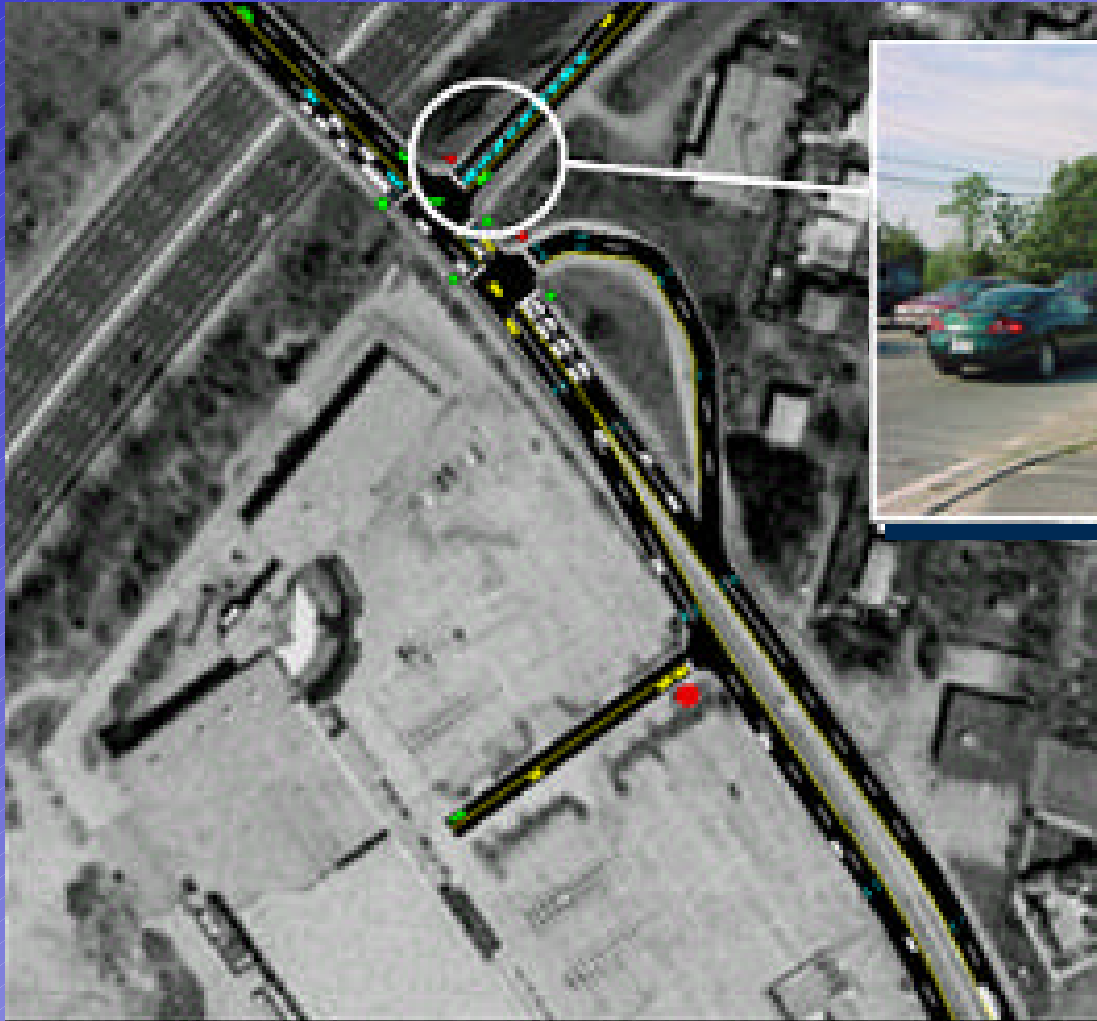
## Improvements to Route 5, Warwick

Indirect left-turn  
queue deficiency



# *Existing Conditions*

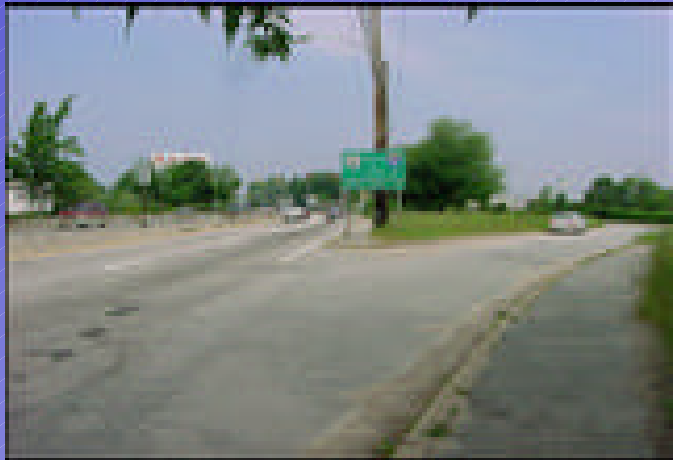
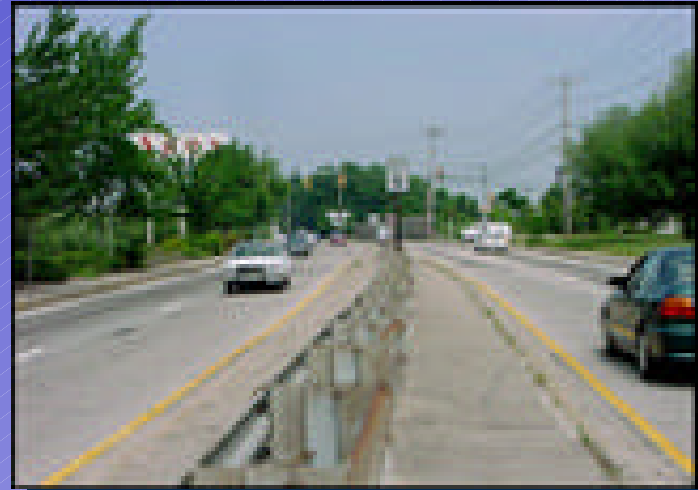
## *Improvements to Route 5, Warwick*



Peak hour delays at  
Metro Center Blvd.

# *Existing Conditions*

## *Improvements to Route 5, Warwick*



The current facility is old and in need of repair.

# *Proposed Improvements*

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*Improvements to Route 5, Warwick*

- **New pavement structure**
- **Sidewalks and curbing**
- **Removal of median and jug-handles**
- **Drainage improvements**
- **Landscaping**
- **Coordination with Public Transportation**

# Proposed Improvements

*Improvements to Route 5, Warwick*



# *Proposed Improvements*

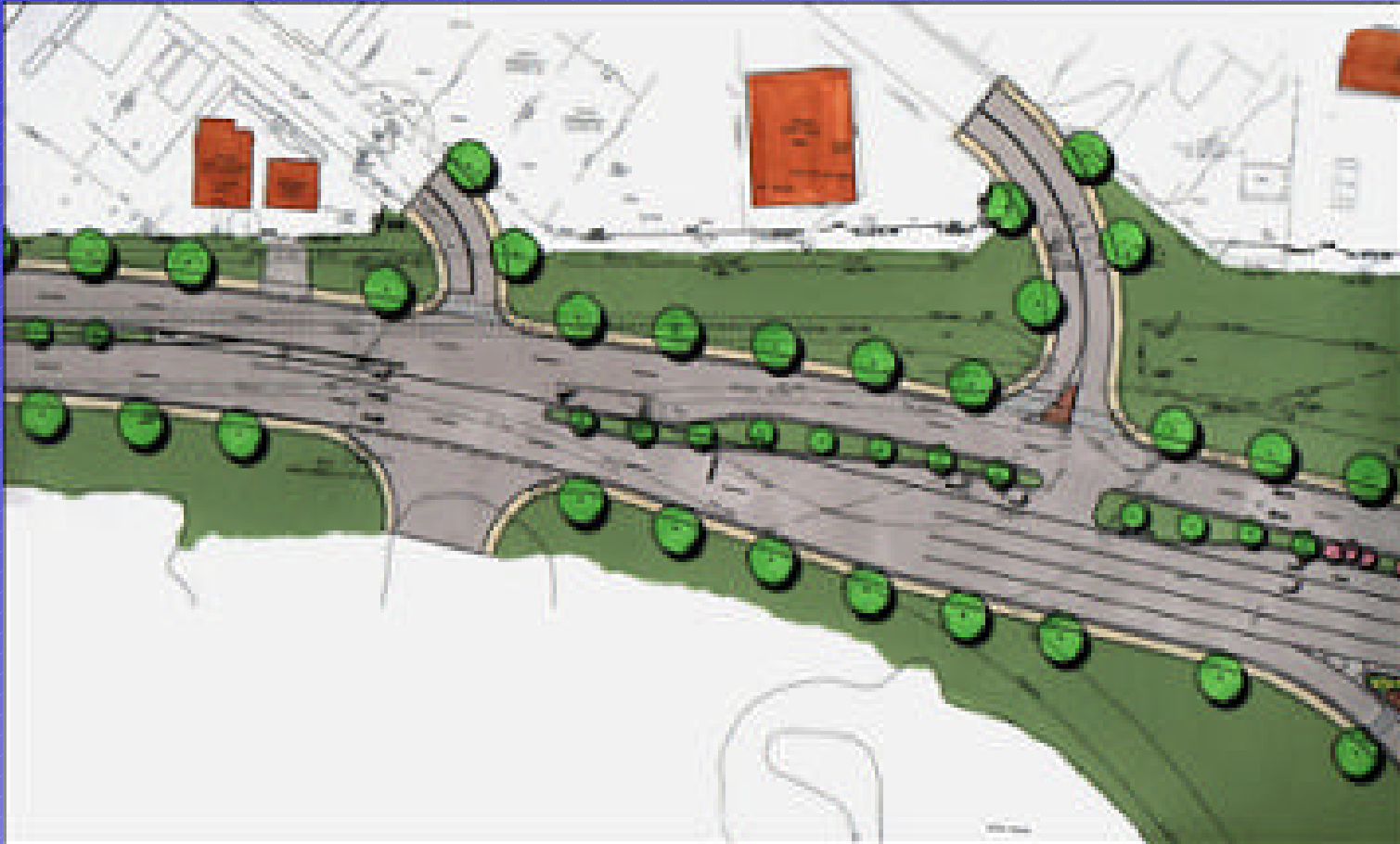
*Improvements to Route 5, Warwick*



**Construct new intersection at  
Rt. 113 with quad-left turns  
on all approaches.**

# *Proposed Improvements*

*Improvements to Route 5, Warwick*



Remove median and replace with left-turn lanes and/or two-way left-turn lanes at large businesses and side streets.



# *Proposed Improvements*

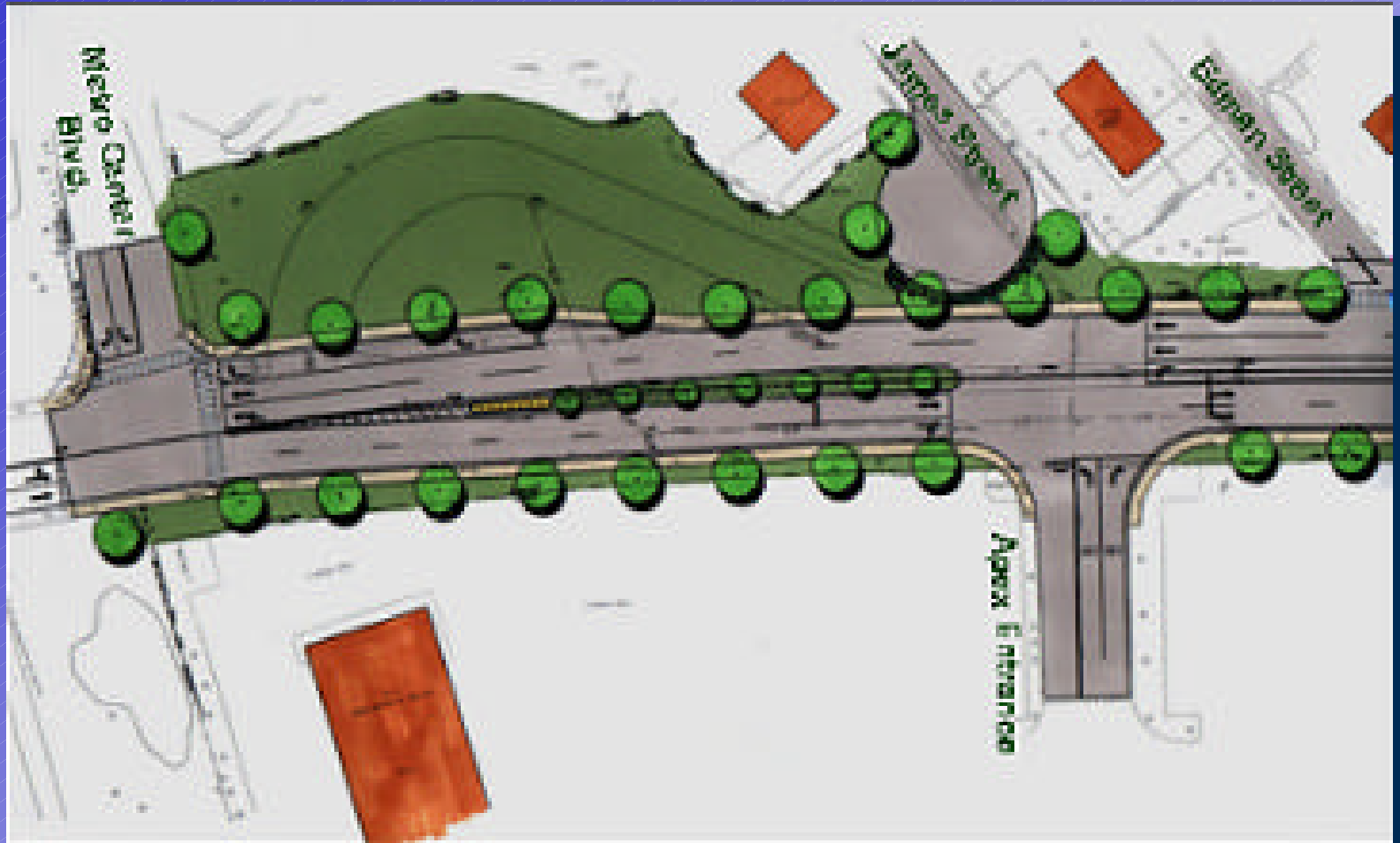
*Improvements to Route 5, Warwick*



Several options being considered at James St. to prohibit cut-through traffic (cul-de-sac shown).

# Proposed Improvements

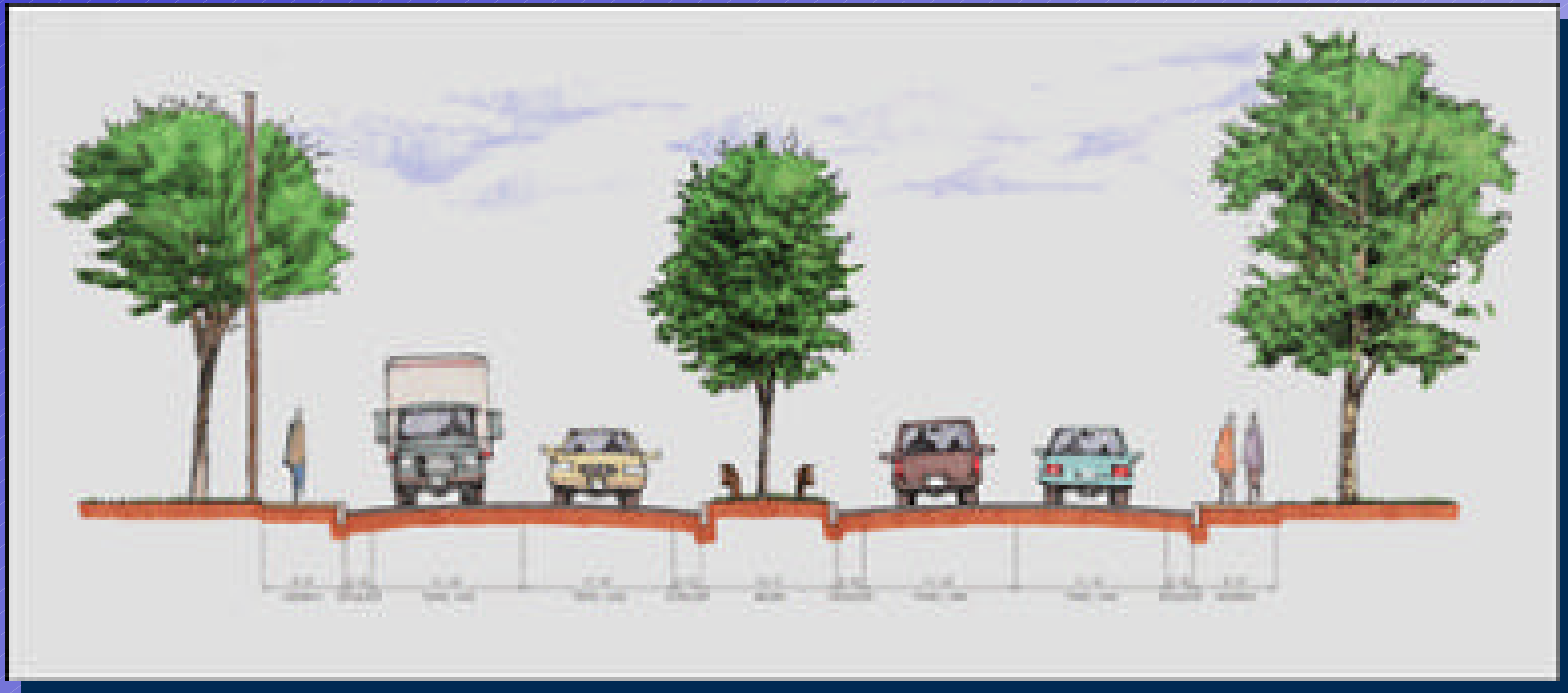
*Improvements to Route 5, Warwick*



Remove jug-handles, creating potential green space.

# *Proposed Improvements*

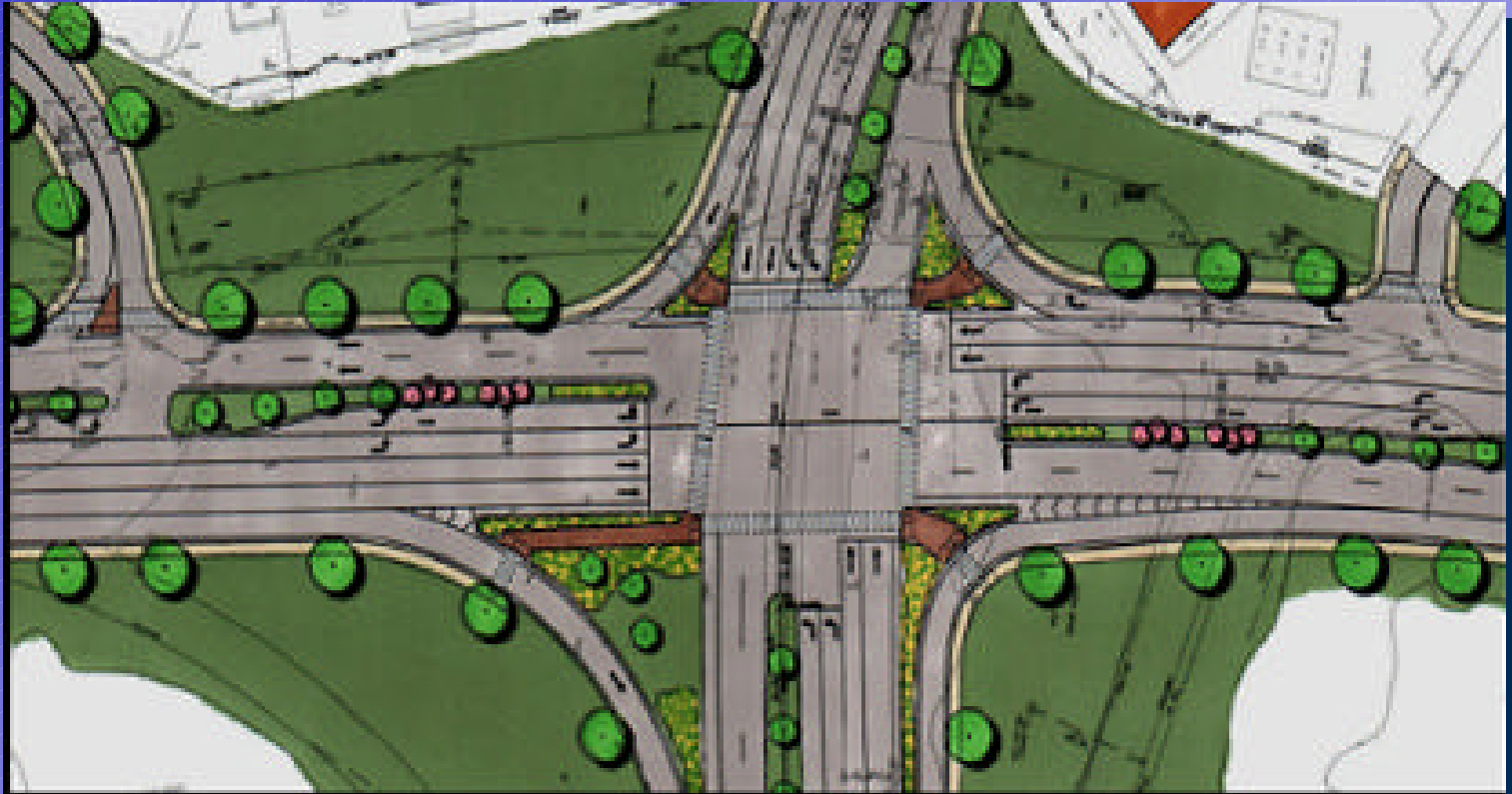
*Improvements to Route 5, Warwick*



**Typical Roadway Cross-Section**

# *Proposed Improvements*

*Improvements to Route 5, Warwick*



## **Pedestrian Safety**

Introduction Existing Conditions **Proposed Improvements** Surplus Land Construction Impacts Schedule

# *Proposed Improvements*

*Improvements to Route 5, Warwick*



**Bus shelters and pull-outs will be designed into the project.**

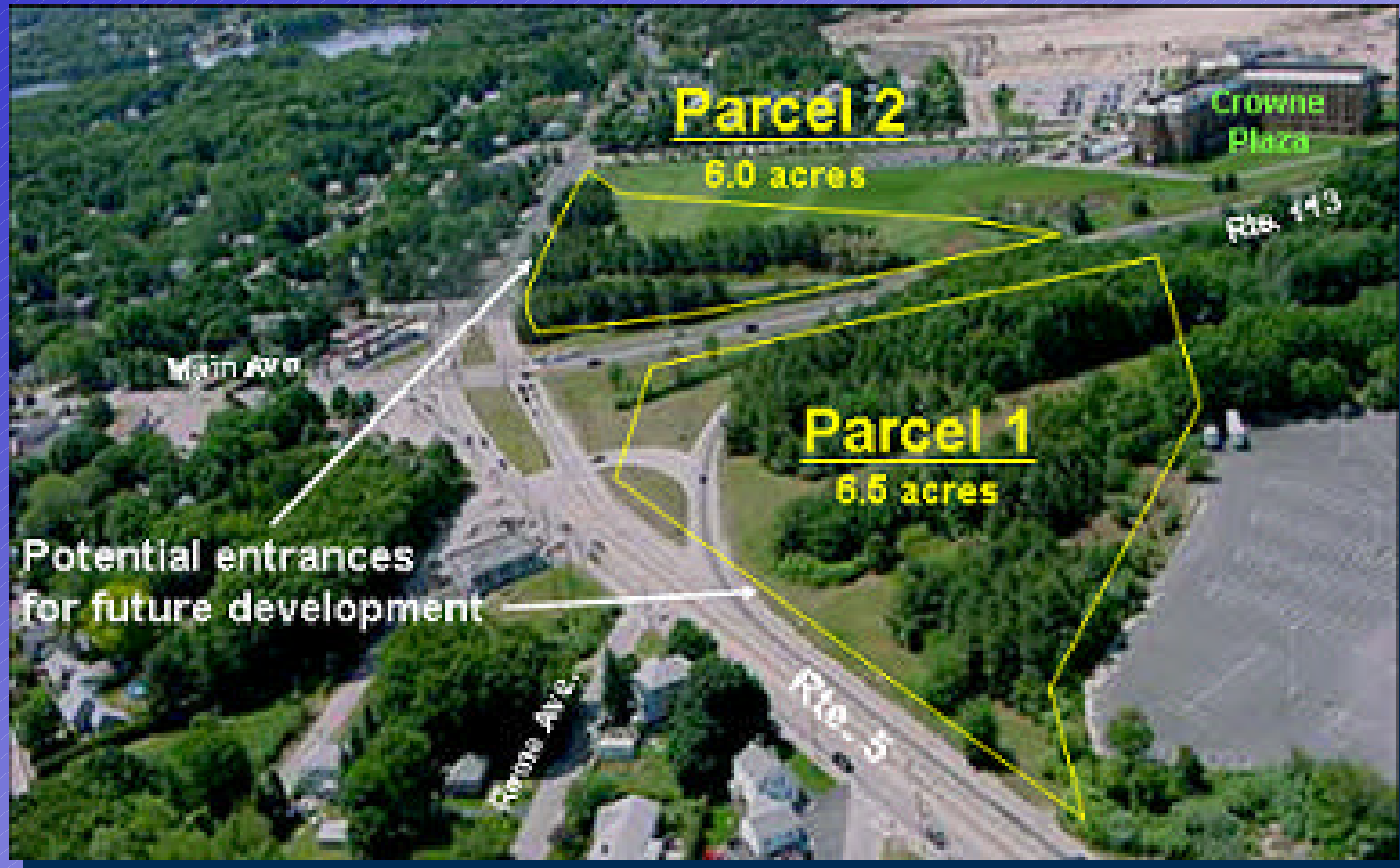
# *Proposed Improvements*

*Improvements to Route 5, Warwick*



# Surplus Land

*Improvements to Route 5, Warwick*



# *Surplus Land*

## *Improvements to Route 5, Warwick*

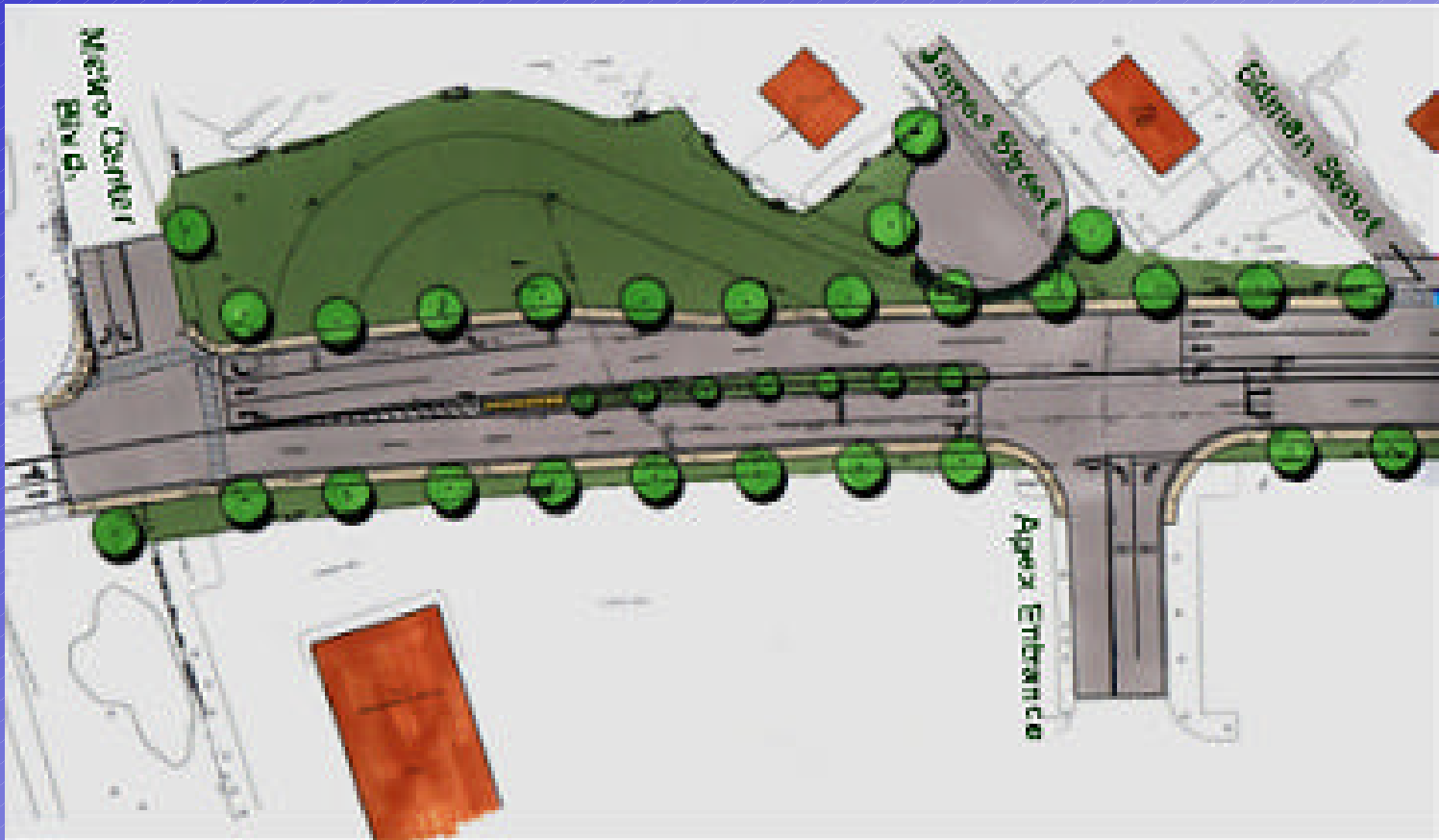


New alignment will shift the roadway away from existing residential and commercial properties, providing a buffer.



# Surplus Land

## Improvements to Route 5, Warwick



Elimination of jug-handle at Metro Center will provide potential green space for City of Warwick.

# *Construction Impacts*

*Improvements to Route 5, Warwick*



Intersection at Rt. 113 to be constructed on new alignment to reduce construction-related delays to vehicles on Rt. 5.

- **Design duration (18 months)**
- **Construction to begin in Late 2004 or 2005  
(Duration – 18 months)**
- **Consideration given to holiday seasons**
- **Realignment of Rt. 113/5 Intersection (Constructability)**
- **Minimal Right-of Way acquisitions required.**
- **Preliminary Cost Estimate (\$2.5 Million)**

# *Contract 1 (Route 5)*

*Improvements to Route 5, Warwick*

- **Limits (Mayfield Avenue to I-95)**
- **Current status: Study and Development Phase**
- **Public Meeting: Held February 12, 2003**



# *Thank You*

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